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LISTING OF CLAIMS

1. (Currently amended) A fluid line connector assembly comprising:
a length of flexible tubing having including a tubing wall and a generally cylindrical tubing end, said tubing wall including a plurality of corrugations extending therealong, and said tubing end including a non-corrugated tubing wall portion terminating at a tubing wall edge; and,
an end fitting including an inner wall and an outer wall, said inner wall at least partially forming a passage through said end fitting, said inner wall including an inner wall portion and a shoulder extending radially inwardly from said inner wall portion, said end fitting secured supported on said tubing end using a brazing material such that said non-corrugated tubing wall portion is received within said passage along said inner wall portion with said tubing wall edge disposed adjacent said shoulder; and,
a quantity of brazing material disposed between said non-corrugated tubing wall portion of said tubing end and said inner wall portion of said inner wall of said end fitting.
2. (Cancelled)
3. (Currently amended) A fluid line connector assembly according to claim 2 claim 1, wherein said plurality of corrugations are helical corrugations.
4. (Cancelled)
5. (Currently amended) A fluid line connector assembly according to claim 4 claim 1, wherein said non-corrugated tubing wall portion is at least approximately cylindrical, at least a portion of said inside said inner wall portion is at least approximately cylindrical and spaced is disposed radially outwardly from said non-corrugated tubing end wall portion such that a space is formed therebetween, and at least a portion of said quantity of brazing material is disposed within said space therebetween.

6. (Currently amended) A fluid line connector assembly according to claim 5, wherein each of said tubing end and said passage has an axis, and said end fitting is positioned on said tubing end such that said passage is approximately coaxially received on said tubing end.
7. (Original) A fluid line connector assembly according to claim 1, wherein said end fitting is formed from a material that readily oxidizes.
8. (Original) A fluid line connector assembly according to claim 7, wherein said material is low-carbon steel.
9. (Currently amended) A fluid line connector assembly according to claim 1 claim 7, wherein said end fitting is plated.
10. (Original) A fluid line connector assembly according to claim 9, wherein said plating is an electroless nickel plating.
11. (Original) A fluid line connector assembly according to claim 1, wherein said brazing material has a liquidus temperature above about 300 degrees Fahrenheit.
12. (Original) A fluid line connector assembly according to claim 11, wherein said brazing material is comprised of from about thirty (30) percent to about seventy (70) percent silver.
13. (Original) A fluid line connector assembly according to claim 12, wherein said brazing material is further comprised of from about one (1) percent to about forty (40) percent copper.
14. (Original) A fluid line connector assembly according to claim 12, wherein said brazing material is further comprised of from about ten (10) percent to about fifty (50) percent zinc.

15. (Original) A fluid line connector assembly according to claim 12, wherein said brazing material is further comprised of from about one-half (0.5) percent to about four (4) percent nickel.

16. (Original) A fluid line connector assembly according to claim 1 further comprising a base collar on said tubing end, a sheath extending along at least a portion of said flexible tubing and said base collar, and a retaining collar retaining said sheath in abutting engagement with said base collar.

17. (Original) A fluid line connector assembly according to claim 16, wherein said end fitting includes an axially outwardly extending annular cuff.

18. (Original) A fluid line connector assembly according to claim 16, wherein said base collar is integrally formed as a portion of said end fitting.

19. (Original) A fluid line connector assembly according to claim 18, wherein said base collar portion of said end fitting includes a radially outwardly extending wall, and at least a portion of said retaining ring extends radially inwardly of said outwardly extending wall.

20. (Original) A fluid line connector assembly according to claim 1, wherein said end fitting includes a plurality of threads extending along at least a portion thereof.

21. (Currently amended) A fluid line connector assembly comprising:
a length of flexible tubing having a generally cylindrical tubing end including a tubing wall extending between opposing tubing ends, said tubing wall including a plurality of corrugations, and with a first tubing end of said opposing tubing ends including a non-corrugated tubing wall portion;

an end fitting supported secured on said first tubing end, said end fitting including an inner wall and an outer wall, said inner wall at least partially defining a passage extending through said end fitting and including an inner wall portion at least partially receiving said non-corrugated tubing wall portion using a brazing material;

a quantity of brazing material disposed along and between said inner wall portion of said end fitting and said non-corrugated tubing wall portion of said first tubing end and operatively connecting said end fitting and said first tubing end to one another;

a base collar supported along on-said first tubing end and disposed inwardly of said end fitting;

a retaining collar in radially outwardly spaced relation to said base collar; and,

a sheath extending along at least a portion of said length of flexible tubing and said base collar, and compressively retained in abutting engagement with said base collar by said retaining collar.

22. (Cancelled)

23. (Currently amended) A fluid line connector assembly according to claim 22
claim 21, wherein at least a portion of said inside inner wall portion of said end fitting is spaced radially outwardly from said non-corrugated tubing wall portion of said first tubing end forming a space therebetween, and at least a portion of said quantity of brazing material is disposed within said space therebetween.

24. (Original) A fluid line connector assembly according to claim 21, wherein said end fitting is plated.

25. (Original) A fluid line connector assembly according to claim 21, wherein said end fitting includes an axially outwardly extending annular cuff.

26. (Original) A fluid line connector assembly according to claim 21, wherein said base collar is integrally formed as a portion of said end fitting.

27. (Currently amended) A fluid line connector assembly according to claim 21, wherein said quantity of brazing material has a liquidus temperature above about 300 degrees Fahrenheit.

28. (Currently amended) A fluid line connector assembly according to claim 27, wherein said quantity of brazing material is comprised of from about thirty (30) percent to about seventy (70) percent silver.
29. (Currently amended) A fluid line connector assembly according to claim 28, wherein said quantity of brazing material is further comprised of from about one (1) percent to about forty (40) percent copper.
30. (Currently amended) fluid line connector assembly according to claim 29, wherein said quantity of brazing material is further comprised of from about ten (10) percent to about fifty (50) percent zinc.
31. (Currently amended) A fluid line connector assembly according to claim 30, wherein said quantity of brazing material is further comprised of from about one half (0.5) percent to about four (4) percent nickel.
32. (Original) A fluid line connector assembly according to claim 31, wherein said end fitting is plated.
33. (Original) A fluid line connector assembly according to claim 32, wherein said plating is electroless nickel plating.
34. - 41. (Cancelled)
42. (New) A fluid line connector assembly according to claim 1, wherein said tubing wall edge is in abutting engagement with said shoulder of said end fitting.
43. (New) A fluid line connector assembly according to claim 24, wherein said plating is electroless nickel plating.

44. (New) A fluid line connector assembly according to claim 24, wherein said plating extends along at least a portion of said inner wall of said end fitting, and at least a portion of said quantity of brazing material is in contact with said plating.

45. (New) A fluid line connector assembly comprising:

a length of flexible tubing including a tubing wall formed from a metal material, said tubing wall extending between opposing open ends and including a plurality of corrugations disposed therebetween, at least a first open end of said opposing open ends includes a non-corrugated tubing wall portion;

an end fitting supported on said first open end and including an inner wall and an outer wall, said inner wall at least partially forming a passage through said end fitting and including a first inner wall portion receiving said non-corrugated tubing wall portion;

a quantity of plating material coating at least a section of said first inner wall portion and said outer wall of said end fitting; and,

a quantity of brazing material disposed along and between said non-corrugated tubing wall portion and said first inner wall portion and securing said end fitting on said first open end with at least a portion of said quantity of brazing material in abutting engagement with said plating material along said first inner wall portion.

46. (New) A fluid line connector assembly according to claim 45, wherein said non-corrugated tubing wall portion is approximately cylindrical and said first inner wall portion is approximately cylindrical and spaced outwardly from said non-corrugated tubing wall portion.

47. (New) A fluid line connector assembly according to claim 45, wherein said inner wall of said end fitting includes a shoulder wall portion disposed adjacent said first inner wall portion, and said non-corrugated tubing wall portion includes a tubing wall edge disposed toward said shoulder wall portion.

48. (New) A fluid line connector assembly according to claim 47, wherein said tubing wall edge is in abutting engagement with said shoulder wall portion.